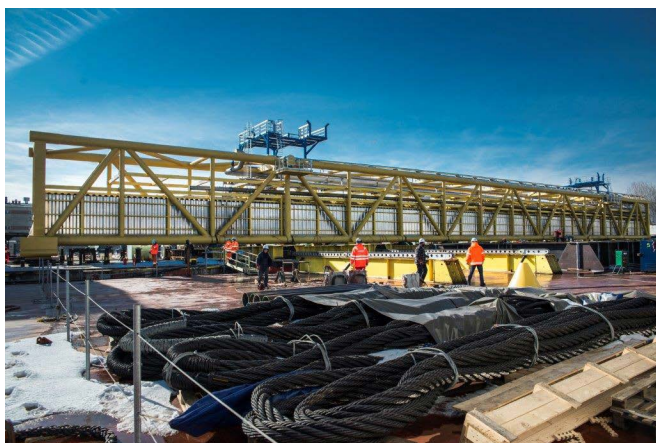


North Sea platform bridge

EldFisk oil field, Norway

In large parts of Europe, piped gas is the most common source of primary energy for both residential heating and industrial use. The reliable service of gas pipes from source to consumer is therefore of key importance for the workability of the energy infrastructure.

Technical components on gas rigs are exposed to extremely corrosive conditions: the - usually sulphur containing - gas on the inner surfaces and marine atmosphere on the outside. Deposits and bio corrosion caused by algae can aggravate the situation. Duplex stainless steels have become accepted as the most cost-effective solution for this application profile.



Details

Environment:	Marine
Operator:	ConocoPhillips
Fabricator:	Vistal Gdynia S.A., Vistal Stocznia Remontowa Sp. z o.o.; Vistal Eko Sp. z o.o.
Stainless steel grade:	Pipes: 2205 (EN 1.4462) 2507 (EN 1.4410), UNS S32760 (EN 1.4510) UNS S31254 (EN 1.4547) Pipe supports: LDX2101 (EN 1.4162), UNS S32003
Dimension:	Pipes: DN25-DN750
Total quantity:	Pipes: 126 t Pipe supports: 3 t
More information:	vistal.pl

Stainless steel is part of the natural gas production and supply infrastructure.

Photos: Vistal Gdynia S.A., Gdynia, Poland